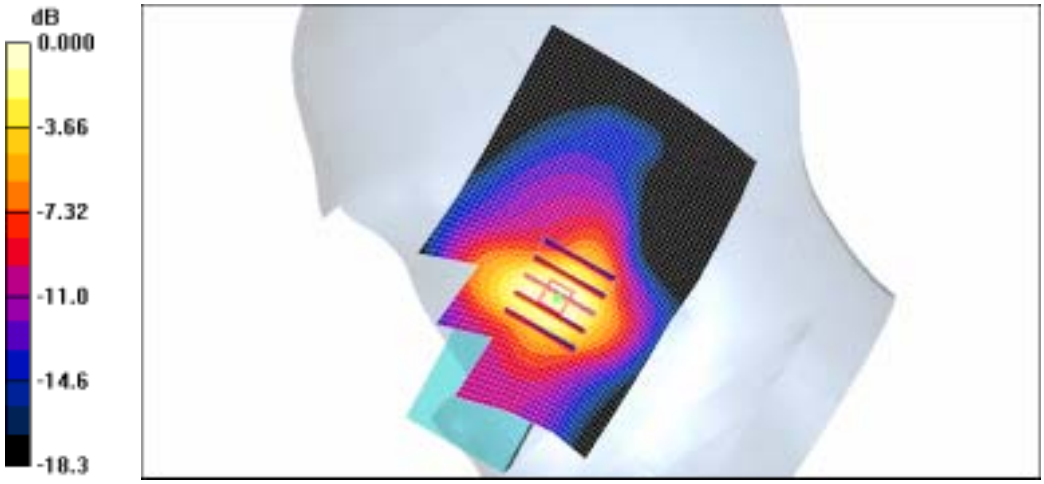
SAMSUNG FCC ID : A3LSGHP858 1900MHz GSM1900 Head SAR
DUT: SGH-P858; Serial: FC-159-B
Program Name: SGH-P858 GSM1900 Right (Job No. : FC-159)
Procedure Name: Cheek/Touch, Ch.512, Ant.Intenna, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.2, Ambient Temp-22.0;Test Date-23/Nov/2005[OET Bulletin 65-Supplement C, July 2001]
Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1850.2 MHz; σ = 1.4 mho/m; ε_r = 38.8; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ES3DV2 - SN3017; ConvF(5.02, 5.02, 5.02); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.512, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.645 mW/g

Cheek/Touch, Ch.512, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.48 V/m; Power Drift = -0.161 dB
Peak SAR (extrapolated) = 0.885 W/kg
SAR(1 g) = 0.541 mW/g
Maximum value of SAR (measured) = 0.596 mW/g

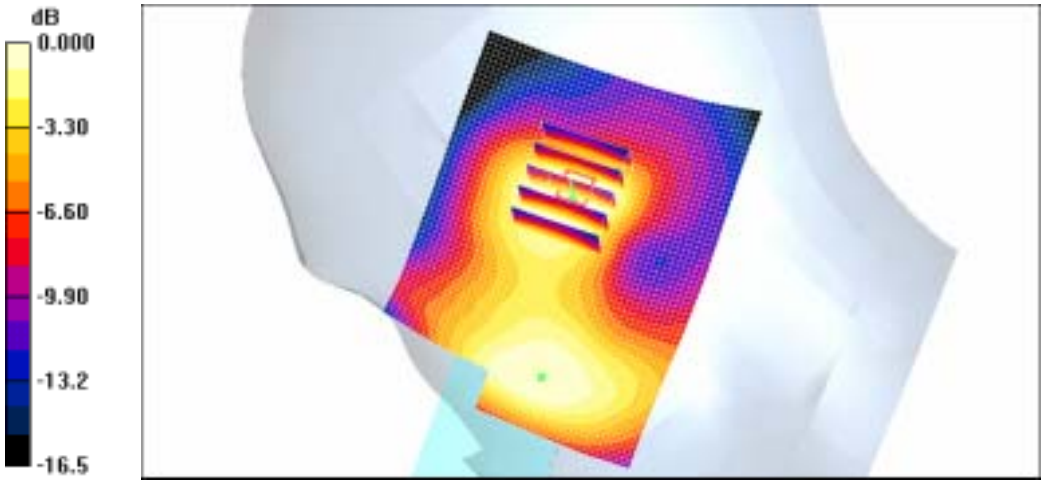


0 dB = 0.596mW/g

SAMSUNG FCC ID : A3LSGHP858 1900MHz GSM1900 Head SAR
DUT: SGH-P858; Serial: FC-159-B
Program Name: SGH-P858 GSM1900 Right (Job No. : FC-159)
Procedure Name: Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.2, Ambient Temp-22.0;Test Date-23/Nov/2005[OET Bulletin 65-Supplement C, July 2001]
Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.4 mho/m; ε_r = 38.8; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ES3DV2 - SN3017; ConvF(5.02, 5.02, 5.02); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.059 mW/g

Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.01 V/m; Power Drift = 0.069 dB
Peak SAR (extrapolated) = 0.059 W/kg
SAR(1 g) = 0.042 mW/g
Maximum value of SAR (measured) = 0.044 mW/g

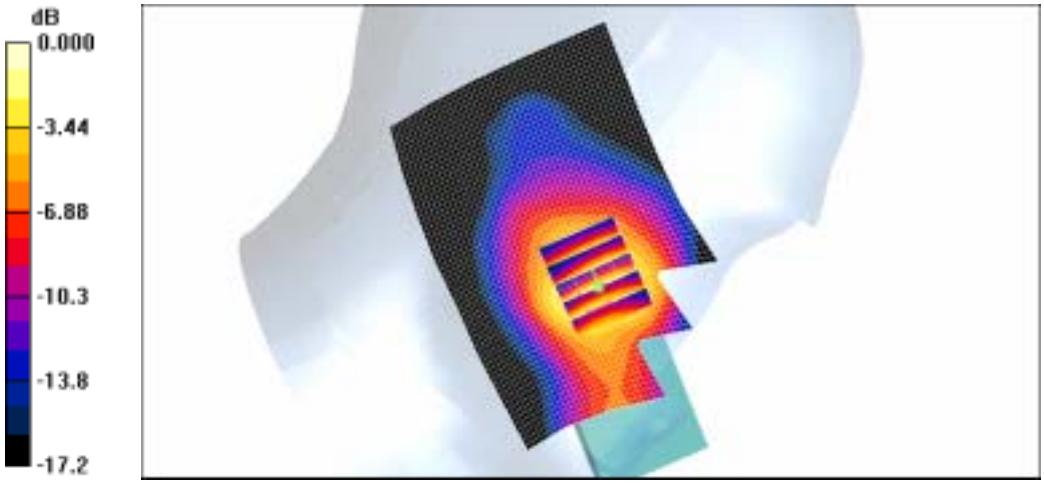


0 dB = 0.044mW/g

SAMSUNG FCC ID : A3LSGHP858 1900MHz GSM1900 Head SAR
DUT: SGH-P858; Serial: FC-159-B
Program Name: SGH-P858 GSM1900 Left (Job No. : FC-159)
Procedure Name: Cheek/Touch, Ch.512, Ant.Intenna, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.2, Ambient Temp-22.0;Test Date-23/Nov/2005[OET Bulletin 65-Supplement C, July 2001]
Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1850.2 MHz; σ = 1.4 mho/m; ε_r = 38.8; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ES3DV2 - SN3017; ConvF(5.02, 5.02, 5.02); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.512, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.649 mW/g

Cheek/Touch, Ch.512, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.76 V/m; Power Drift = 0.127 dB
Peak SAR (extrapolated) = 0.984 W/kg
SAR(1 g) = 0.619 mW/g
Maximum value of SAR (measured) = 0.667 mW/g

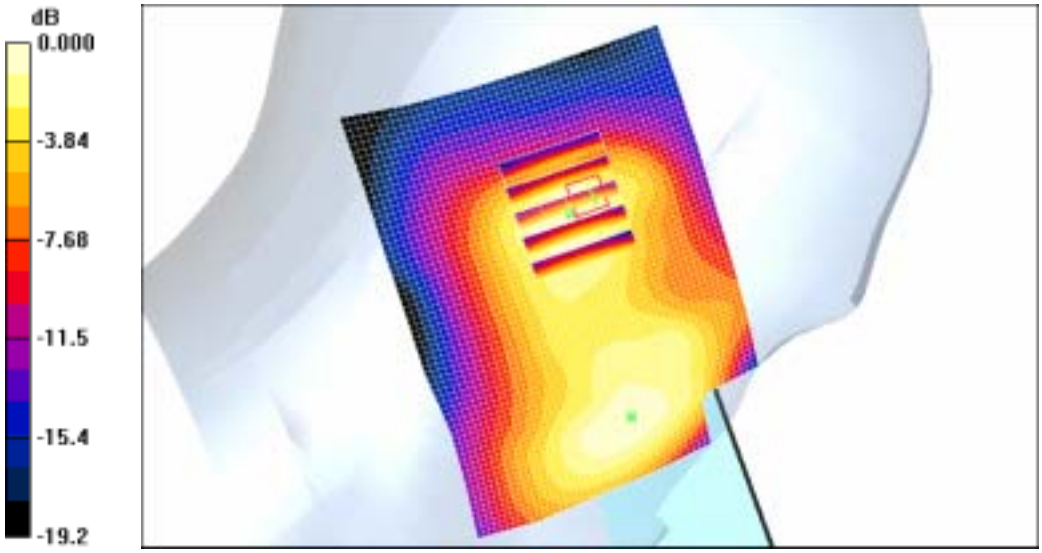


0 dB = 0.667mW/g

SAMSUNG FCC ID : A3LSGHP858 1900MHz GSM1900 Head SAR
DUT: SGH-P858; Serial: FC-159-B
Program Name: SGH-P858 GSM1900 Left (Job No. : FC-159)
Procedure Name: Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.2, Ambient Temp-22.0;Test Date-23/Nov/2005[OET Bulletin 65-Supplement C, July 2001]
Communication System: GSM 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1880 MHz; σ = 1.4 mho/m; ε_r = 38.8; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ES3DV2 - SN3017; ConvF(5.02, 5.02, 5.02); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.077 mW/g

Ear/Tilt, Ch.661, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.42 V/m; Power Drift = 0.113 dB
Peak SAR (extrapolated) = 0.090 W/kg
SAR(1 g) = 0.059 mW/g
Maximum value of SAR (measured) = 0.063 mW/g

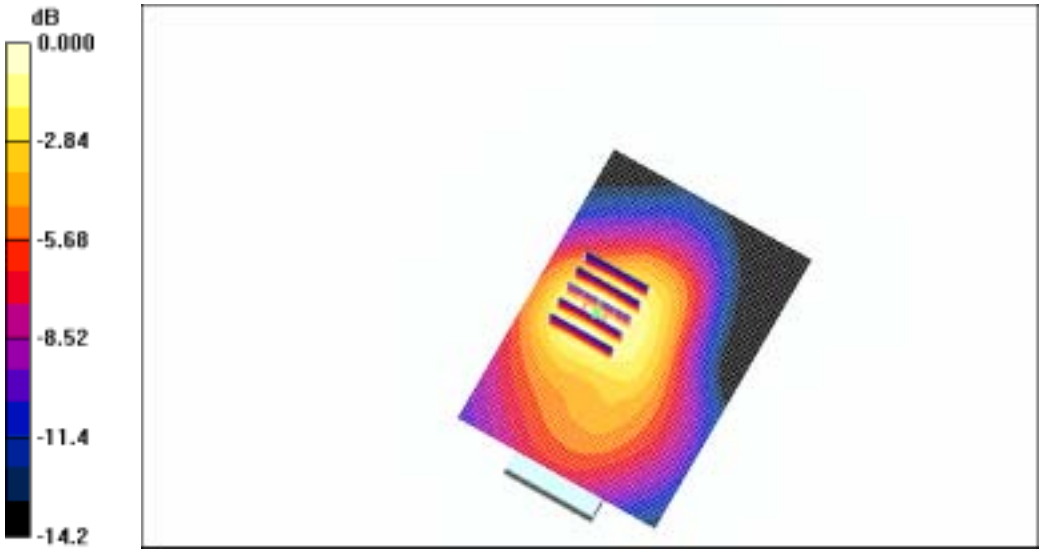


0 dB = 0.063mW/g

SAMSUNG FCC ID : A3LSGHP858 1900MHz GPRS1900 Body SAR
DUT: SGH-P858(Body); Serial: FC-159-B
Program Name: SGH-P858 GSM1900 Body (Job No. : FC-159)
Procedure Name: Body, Ch.512, Ant.Intenna, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.0, Ambient Temp-22.0;Test Date-23/Nov/2005[OET Bulletin 65-Supplement C, July 2001]
Communication System: Body GPRS ; Frequency: 1850.2 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 1850.2 MHz; σ = 1.48 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV2 - SN3017; ConvF(4.47, 4.47, 4.47); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Body, Ch.512, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.315 mW/g

Body, Ch.512, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.3 V/m; Power Drift = -0.067 dB
Peak SAR (extrapolated) = 0.457 W/kg
SAR(1 g) = 0.300 mW/g
Maximum value of SAR (measured) = 0.327 mW/g

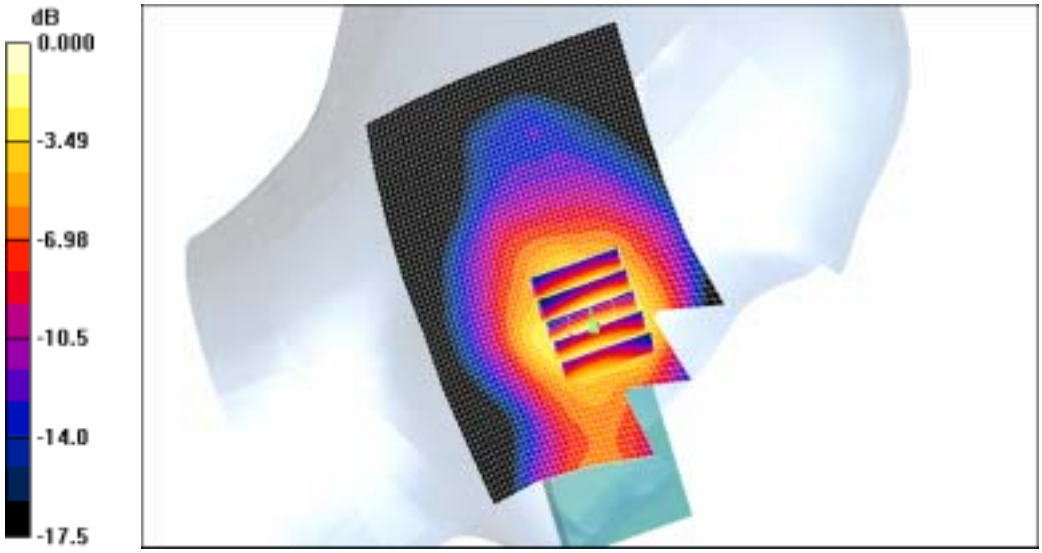


0 dB = 0.327mW/g

SAMSUNG FCC ID : A3LSGHP858 1900MHz GSM1900 Head SAR
DUT: SGH-P858; Serial: FC-159-B
Program Name: SGH-P858 GSM1900 Left (Job No. : FC-159)
Procedure Name: Cheek/Touch, Ch.512, Ant.Intenna, Bat.Standard With BT ON.
Procedure Notes: Meas.Tissue Temp(celsius)-21.2, Ambient Temp-22.0;Test Date-23/Nov/2005[OET Bulletin 65-Supplement C, July 2001]
Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1850.2 MHz; σ = 1.4 mho/m; ε_r = 38.8; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ES3DV2 - SN3017; ConvF(5.02, 5.02, 5.02); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.512, Ant.Intenna, Bat.Standard With BT ON./Area Scan (51x71x1):
Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.454 mW/g

Cheek/Touch, Ch.512, Ant.Intenna, Bat.Standard With BT ON./Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.31 V/m; Power Drift = 0.069 dB
Peak SAR (extrapolated) = 0.662 W/kg
SAR(1 g) = 0.414 mW/g
Maximum value of SAR (measured) = 0.449 mW/g

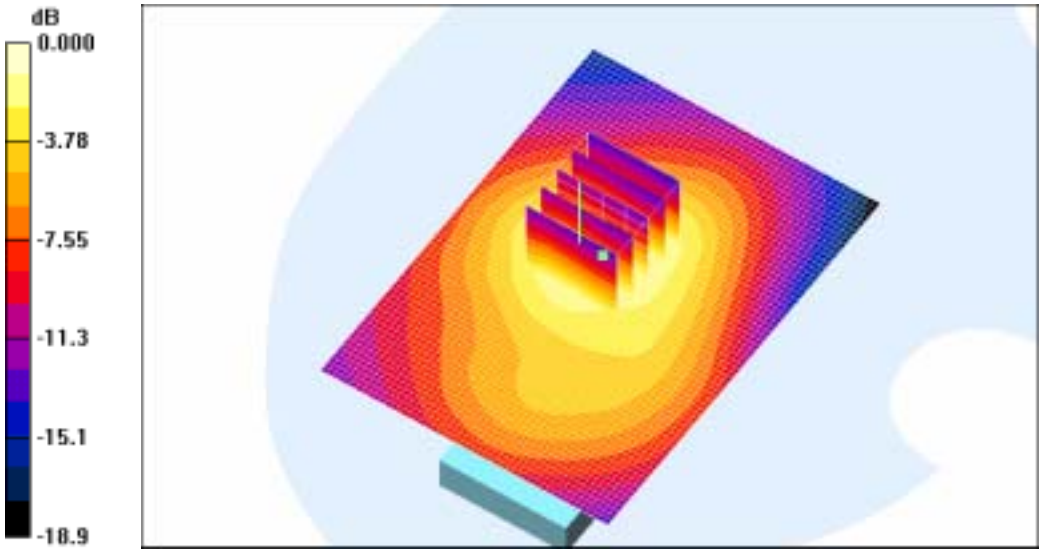


0 dB = 0.449mW/g

SAMSUNG FCC ID : A3LSGHP858 1900MHz GPRS1900 Body SAR
DUT: SGH-P858(Body); Serial: FC-159-B
Program Name: SGH-P858 GSM1900 Body (Job No. : FC-159)
Procedure Name: Body, Ch.512, Ant.Intenna, Bat.Standard With BT ON.
Procedure Notes: Meas.Tissue Temp(celsius)-21.0, Ambient Temp-22.0;Test Date-23/Nov/2005[OET Bulletin 65-Supplement C, July 2001]
Communication System: Body GPRS ; Frequency: 1850.2 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 1850.2 MHz; σ = 1.48 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV2 - SN3017; ConvF(4.47, 4.47, 4.47); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Body, Ch.512, Ant.Intenna, Bat.Standard With BT ON./Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.8 V/m; Power Drift = -0.045 dB
Peak SAR (extrapolated) = 0.452 W/kg
SAR(1 g) = 0.286 mW/g
Maximum value of SAR (measured) = 0.306 mW/g

Body, Ch.512, Ant.Intenna, Bat.Standard With BT ON./Area Scan (51x71x1):
Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.320 mW/g



0 dB = 0.320mW/g

SAMSUNG FCC ID : A3LSGHP858 1900MHz GSM1900 Head SAR
DUT: SGH-P858; Serial: FC-159-B
Program Name: SGH-P858 GSM1900 Left (Job No. : FC-159)
Procedure Name: Cheek/Touch, Ch.512, Ant.Intenna, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.2, Ambient Temp-22.0;Test Date-23/Nov/2005[OET Bulletin 65-Supplement C, July 2001]
Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1850.2 MHz; σ = 1.4 mho/m; ε_r = 38.8; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ES3DV2 - SN3017; ConvF(5.02, 5.02, 5.02); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.512, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.649 mW/g

Cheek/Touch, Ch.512, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.76 V/m; Power Drift = 0.127 dB
Peak SAR (extrapolated) = 0.984 W/kg
SAR(1 g) = 0.619 mW/g
Maximum value of SAR (measured) = 0.667 mW/g

SAMSUNG FCC ID : A3LSGHP858 1900MHz GPRS1900 Body SAR
DUT: SGH-P858(Body); Serial: FC-159-B
Program Name: SGH-P858 GSM1900 Body (Job No. : FC-159)
Procedure Name: Body, Ch.512, Ant.Intenna, Bat.Standard
Procedure Notes: Meas.Tissue Temp(celsius)-21.0, Ambient Temp-22.0;Test Date-23/Nov/2005[OET Bulletin 65-Supplement C, July 2001]
Communication System: Body GPRS ; Frequency: 1850.2 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 1850.2 MHz; σ = 1.48 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV2 - SN3017; ConvF(4.47, 4.47, 4.47); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Body, Ch.512, Ant.Intenna, Bat.Standard/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.315 mW/g

Body, Ch.512, Ant.Intenna, Bat.Standard/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.3 V/m; Power Drift = -0.067 dB
Peak SAR (extrapolated) = 0.457 W/kg
SAR(1 g) = 0.300 mW/g
Maximum value of SAR (measured) = 0.327 mW/g

SAMSUNG FCC ID : A3LSGHP858 1900MHz GPRS1900 Body SAR
DUT: SGH-P858(Body); Serial: FC-159-B
Program Name: SGH-P858 GSM1900 Body (Job No. : FC-159)
Procedure Name: Body, Ch.512, Ant.Intenna, Bat.Standard With BT ON.
Procedure Notes: Meas.Tissue Temp(celsius)-21.0, Ambient Temp-22.0;Test Date-23/Nov/2005[OET Bulletin 65-Supplement C, July 2001]
Communication System: Body GPRS ; Frequency: 1850.2 MHz;Duty Cycle: 1:4.15
Medium parameters used: f = 1850.2 MHz; σ = 1.48 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV2 - SN3017; ConvF(4.47, 4.47, 4.47); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 835/900 MHz; Type: SAM; Serial: TP-1247
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Body, Ch.512, Ant.Intenna, Bat.Standard With BT ON./Area Scan (51x71x1):
Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.320 mW/g

Body, Ch.512, Ant.Intenna, Bat.Standard With BT ON./Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.8 V/m; Power Drift = -0.045 dB
Peak SAR (extrapolated) = 0.452 W/kg
SAR(1 g) = 0.286 mW/g
Maximum value of SAR (measured) = 0.306 mW/g

SAMSUNG FCC ID : A3LSGHP858 1900MHz GSM1900 Head SAR
DUT: SGH-P858; Serial: FC-159-B
Program Name: SGH-P858 GSM1900 Left (Job No. : FC-159)
Procedure Name: Cheek/Touch, Ch.512, Ant.Intenna, Bat.Standard With BT ON.
Procedure Notes: Meas.Tissue Temp(celsius)-21.2, Ambient Temp-22.0;Test Date-23/Nov/2005[OET Bulletin 65-Supplement C, July 2001]
Communication System: GSM 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium parameters used: f = 1850.2 MHz; σ = 1.4 mho/m; ε_r = 38.8; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ES3DV2 - SN3017; ConvF(5.02, 5.02, 5.02); Calibrated: 2005-09-20
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn486; Calibrated: 2005-08-30
- Phantom: SAM 1800/1900 MHz; Type: SAM; Serial: TP-1248
- Measurement SW: DASY4, V4.6 Build 23; Postprocessing SW: SEMCAD, V1.8 Build 160

Cheek/Touch, Ch.512, Ant.Intenna, Bat.Standard With BT ON./Area Scan (51x71x1):
Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.454 mW/g

Cheek/Touch, Ch.512, Ant.Intenna, Bat.Standard With BT ON./Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.31 V/m; Power Drift = 0.069 dB
Peak SAR (extrapolated) = 0.662 W/kg
SAR(1 g) = 0.414 mW/g
Maximum value of SAR (measured) = 0.449 mW/g